

IN THE SPECIFICATION

At page 6, the second paragraph beginning on line 10, please amend the specification as follows:

--A first embodiment of the present invention is fully disclosed in connection with Figures 2-8 as discussed below. Figures 2A-C illustrate a golf ball 10 including thirty infrared emitting diodes 12 which are evenly distributed over three perpendicular planes namely the X-Z, Y-Z, and X-Y planes. In this first embodiment, a 30 degree angle separates two consecutive diodes of the same plane. However, other distributions of the diodes would work within the scope of the present invention. Each infrared emitting diode 12 is connected via connecting wires 14 to an electronic chamber 20. Golf ball 10 comprises three concentric parts, namely an outer member 16, an inner member 18, and the electronic chamber 20. Outer member 16 can be made of a shock absorbing synthetic material, and inner member 18 can be made of a harder material to protect the electronic chamber 20. Furthermore, electronic chamber 20 can be filled with a resin embedding any electronic components part of an electromagnetic transmitter 22, thereby keeping them from moving or vibrating. As shown in Figure 3, golf ball 10 can also be enveloped with a thin protective outer cover (not shown) 11 at least partially transparent to the electromagnetic radiation infrared radiation.--